

## M 5.4, 143 km SSW of Abepura, Indonesia

Origin Time: 2023-07-03 02:51:34 UTC (Mon 11:51:34 local)

Location: 3.7846° S 140.1107° E Depth: 15.1 km

Created: 3 weeks, 6 days after earthquake

### Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



### Estimated Economic Losses

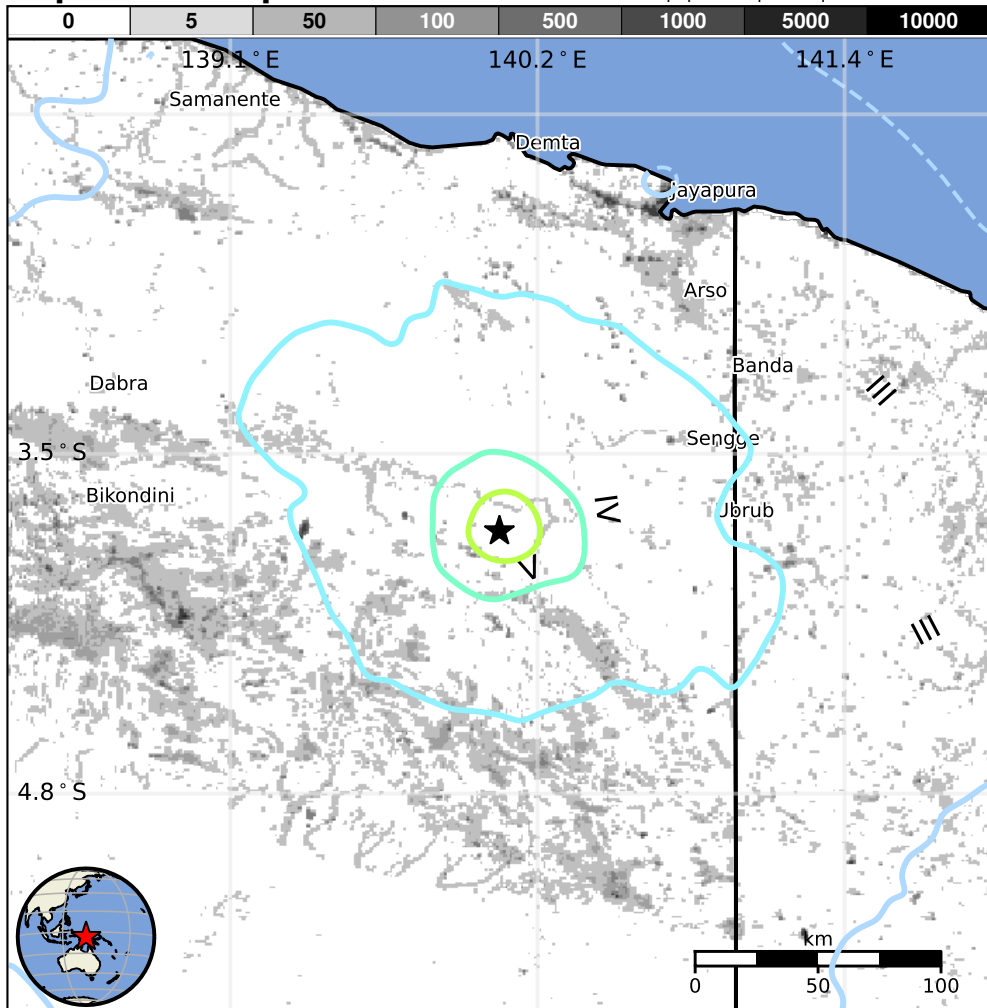


### Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	1,341k	151k	7k	2k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

### Population Exposure



### Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are informal (metal, timber, GI etc.) and unreinforced brick masonry construction.

### Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2002-01-10	265	6.7	IX(3k)	1
2002-09-08	319	7.6	IX(17k)	4
1981-01-19	122	6.6	IX(1k)	1k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

### Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Elelim	<1k
IV	Sengge	<1k
IV	Ubrub	<1k
III	Arso	<1k
III	Waris	<1k
III	Wamena	<1k
III	Banda	<1k
III	Vanimo	11k
III	Vanimo	10k
III	Abepura	62k
II	Jayapura	135k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000kpr#pager>

Event ID: us6000kpr